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Family Member(s)

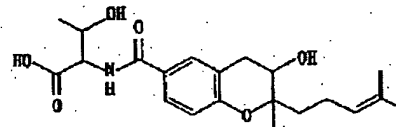
JP2000072766A ☐ 20000307 FullText

Title: (ENG) BENZOPYRAN DERIVATIVE

Abstract: (ENG)

**PROBLEM TO BE SOLVED:** To obtain a new compound having an ICAM-1/LFA-1 bond inhibitive activity, useful as a biochemical or pharmacological reagent for resolving an ICAM-1/LFA-1 adhesion route, and useful for the prophylaxis and treatment of an inflammatory disease e.g. asthma or rheumatism.

**SOLUTION:** This compound has the following physicochemical properties: Form; colorless and amorphous, Molecular weight and formula; 391.46 and C<sub>21</sub>H<sub>29</sub>NO<sub>6</sub>, Melting point; 86 to 88°C, Optical rotation; [α]<sub>D</sub><sup>25</sup>+43.6°, R<sub>f</sub> value; 0.21 (CHCl<sub>3</sub>:CH<sub>3</sub>OH=5:1, acetic acid 0.1%). The compound is obtained by cultivating the microorganism (FERM P-16829), capable of producing the compound and belonging to the genus Streptomyces, in a nutrient medium at 25 to 30°C for 3 to 5 days, and by recovering the objective compound from the medium or cell bodies.



Application Number: JP 25609598 A

Application (Filing) Date: 19980827

Priority Data: JP 25609598 19980827 A X;

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IPC (International Class): C07D31158; A61K03135; C12N00120; C12P01706; C12N00120; C12R001; C12P01706; C12R001

Other Abstracts for Family Members: CHEMABS132(15)193330H; DERABS C2000-353302

Other Abstracts for This Document: CHEMABS132(15)193330H; DERABS C2000-353302

## Patents Citing This One (2):

- WO2004073701A1 20040902 SODA KUNIYASU JP  
LFA-1 INHIBITORS AND USE THEREOF
- WO2004031165A1 20040415 ENOKI TATSUJI JP; MURAKI NOBUKO JP; KATO IKUNOSHIN JP; ONOGI HIROMU JP; SAGAWA HIROAKI JP; TAKARA BIO INC JP; SUGIYAMA KATSUMI JP  
REMEDIES

Legal Status: There is no Legal Status information available for this patent



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